

## Abstract of the Disclosure

A lock mechanism includes a cam provided on one of a base member and a movable member and having a swing groove around a roughly heart-shaped projecting portion; a swing member pivotally provided on the other of the base member and the movable member and having a pin for tracing along the swing groove; and an auxiliary device provided on a side where the cam is disposed for contacting and separating from the swing member to restrict an unnecessary movement of the swing member while the pin is tracing the swing groove. In the lock mechanism, when the movable member is pushed against a force of an urging device, the movable member is locked at the first position through the swing groove and the pin. When the movable member is pushed again, the movable member is released and switched from the first position to the second position.